



21 September 2012

Greg Johnson  
Los Angeles County Dept. of Public Works  
900 S. Fremont Ave.  
Alhambra, CA 91803

RE:NA

Work Order No.: 1209172

Attached are the results of the analyses for samples received by the laboratory on 09/14/12 17:15.

The samples were received by Sierra Analytical Labs, Inc. with a chain of custody record attached or completed at the submittal of the samples.

The analyses were performed according to the prescribed method as outlined by EPA, Standard Methods, and A.S.T.M.

The remaining portions of the samples will be disposed of within 30 days from the date of this report.  
If you require any additional retaining time, please advise us.

Sincerely,

Richard K. Forsyth

Laboratory Director

Sierra Analytical Labs, Inc. is certified by the California Department of Health Services (DOHS),  
Environmental Laboratory Accreditation Program (ELAP) No. 2320.



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900 S. Fremont Ave.  
Alhambra CA, 91803

Project: NA  
Project Number: F6057919  
Project Manager: Greg Johnson

**Reported:**  
09/21/12 10:55

**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
LARW-1A	1209172-01	Water	09/14/12 10:05	09/14/12 17:15
LARW-2A	1209172-02	Water	09/14/12 10:27	09/14/12 17:15
LARW-3A	1209172-03	Water	09/14/12 10:51	09/14/12 17:15
LARE-1A	1209172-04	Water	09/14/12 11:15	09/14/12 17:15
LARE-2A	1209172-05	Water	09/14/12 11:26	09/14/12 17:15
LARE-3A	1209172-06	Water	09/14/12 11:50	09/14/12 17:15

*The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.*



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**Conventional Chemistry Parameters by APHA/EPA Methods**  
**Sierra Analytical Labs, Inc.**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>LARW-1A (1209172-01) Water    Sampled: 09/14/12 10:05    Received: 09/14/12 17:15</b>									
Dissolved Oxygen	12.1	0.100	mg/L	1	B211852	09/14/12	09/14/12 19:00	EPA 360.1	H-01
Total Suspended Solids	53.0	1.00	"	"	"	"	"	EPA 160.2	
<b>LARW-2A (1209172-02) Water    Sampled: 09/14/12 10:27    Received: 09/14/12 17:15</b>									
Dissolved Oxygen	8.81	0.100	mg/L	1	B211852	09/14/12	09/14/12 19:00	EPA 360.1	H-01
Total Suspended Solids	79.0	1.00	"	"	"	"	"	EPA 160.2	
<b>LARW-3A (1209172-03) Water    Sampled: 09/14/12 10:51    Received: 09/14/12 17:15</b>									
Dissolved Oxygen	6.38	0.100	mg/L	1	B211852	09/14/12	09/14/12 19:00	EPA 360.1	H-01
Total Suspended Solids	39.0	1.00	"	"	"	"	"	EPA 160.2	
<b>LARE-1A (1209172-04) Water    Sampled: 09/14/12 11:15    Received: 09/14/12 17:15</b>									
Dissolved Oxygen	12.5	0.100	mg/L	1	B211852	09/14/12	09/14/12 19:00	EPA 360.1	
Total Suspended Solids	51.0	1.00	"	"	"	"	"	EPA 160.2	
<b>LARE-2A (1209172-05) Water    Sampled: 09/14/12 11:26    Received: 09/14/12 17:15</b>									
Dissolved Oxygen	10.0	0.100	mg/L	1	B211852	09/14/12	09/14/12 19:00	EPA 360.1	
Total Suspended Solids	37.0	1.00	"	"	"	"	"	EPA 160.2	
<b>LARE-3A (1209172-06) Water    Sampled: 09/14/12 11:50    Received: 09/14/12 17:15</b>									
Dissolved Oxygen	6.40	0.100	mg/L	1	B211852	09/14/12	09/14/12 19:00	EPA 360.1	
Total Suspended Solids	38.0	1.00	"	"	"	"	"	EPA 160.2	

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#### Notes and Definitions

H-01 Sample received without sufficient time to complete analysis within recommended holding time.

DET Analyte DETECTED

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

dry Sample results reported on a dry weight basis

RPD Relative Percent Difference

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SIERRA ANALYTICAL  
 TEL: 949-348-9389  
 FAX: 949-348-9115  
 26052 Merit Circle • Suite 105 • Laguna Hills, CA • 92653

CHAIN OF CUSTODY RECORD

Date: 9/14/12 Page 1 of 1

Lab Project No.: 1009172

ENCUMBRANCE NO.: TAD

Client Project ID:

F6057919

Client: LACON MATHELIAM LABS

Client Address: 900 S FAIRMOUNT AVE 4TH FLR

ALHAMBRA, CA 91803

Client Tel. No.: 626/458-1741

Client Fax. No.: 626/721-6501

Client Proj. Mgr.: BRUCE K. JOHNSON

Turn Around  Immediate  24 Hour  
 Time Requested  48 Hour  72 Hour  5 Day  Mobile  
 4 Day  Normal

Analysis Requested

Client Sample ID	Sierra No.	Date	Time	Matrix	Preservative	Container Type	No. of Containers
LARW-1A	01	9/14/12	1005	H <sub>2</sub> O	N/A	PLASTIC	1
LARW-2A	02	1007					1
LARE-3A	03	1151					1
LARE-1A	04	1115					1
LARE-2A	05	1124					1
LARE-3A	06	1150					1

Field Point Names/Comments
LARW = L.A. RIVER
WEST, LONG BEACH
LARE = L.A. RIVER
EAST, LONG BEACH
1 = UPTREAM
2 = MIDDLE
3 = DOWNSTREAM
A = FLOWING

| Analysis Requested |
|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|
| X                  | X                  | X                  | X                  | X                  | X                  | X                  | X                  | X                  | X                  | X                  |

Client LOGCODE \_\_\_\_\_  
 Site Global ID \_\_\_\_\_  
 Geotracker EDD Info: \_\_\_\_\_

Sample Disposal:  
 Return to Client  
 Lab Disposal\*  
 Archive \_\_\_\_\_ mos.  
 Other \_\_\_\_\_

Total Number of Containers Submitted to Laboratory: 6

Total Number of Containers Received by Laboratory: 6

The delivery of samples and the signature on this chain of custody form constitutes authorization to perform the analysis specified above under SIERRA'S Terms and Conditions, unless otherwise agreed upon in writing between SIERRA and CLIENT.  
 \* - Samples determined to be hazardous by SIERRA will be returned to CLIENT.

Shipped Via: \_\_\_\_\_  
 (Carrier/Vehicle No.) \_\_\_\_\_

Received By: Tom Bak Date: 9/14/12  
 Company: SA Time: 17:15

Received By: [Signature] Date: 9/14/12  
 Company: SA Time: 19:00

Received By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_ Time: \_\_\_\_\_

Received By: \_\_\_\_\_ Date: \_\_\_\_\_  
 Company: \_\_\_\_\_ Time: \_\_\_\_\_

Special Instructions:

FOR LABORATORY USE ONLY - Sample Receipt Conditions:  
 Intact  Chilled - Temp. (°C) 5.0  
 Sample Seals  Preservatives - Verified By \_\_\_\_\_  
 Properly Labelled  Other \_\_\_\_\_  
 Appropriate Sample Container  Storage Location Rechen